IN THE SPECIFICATION

Kindly rewrite the paragraph that begins on page 20, line 17 as follows:

The correct processing at the N-terminal was confirmed through the Edman degradation of purified HMW tc-uPA. As expected, the NH_2-terminal sequence of the B-chain was determined as:

- seq IDN3 IIGGEF-,

whereas the NH_2-terminal sequence of the A-chain was, as expected:

- seq IDN4 SNELHQ-,

These data demonstrated that the proteolytic cleavage occurs exactly and specifically at the Lys^{158}-Ile^{159} bond, and Lys^{158} is correctly removed from the rest of the molecule. Moreover, the analysis of the peptide mapping confirmed the existence of correct NH_2- and C-termini of both A- and B-chains of the recombinant tc-uPA HMW.

IN THE CLAIMS

81. (new) A process for the production of recombinant catalytically active two chain urokinase (tc-uPA) into the culture medium of an eukaryotic cell line which has been genetically transfected with a cDNA sequence encoding for a urokinase precursor wherein alkanoic acids selected from the group consisting of: butyric acid, sodium butyrate, sodium propionate, magnesium butyrate, tributyrin and phenyl-butyrate, their derivatives or salts thereof, are added to the cell culture medium of said cell line, characterized in that at least 95% of the total urokinase is catalytically active